

FORMULÆ

OF THE

BOB

MARTIN

PREPARATIONS





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[ca. 1944]

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These pages

contain the formulæ of the Bob Martin, Tibs and associated products. If you wish us to supply further information about the preparations referred to, we shall be glad to do so.

BOB MARTIN LIMITED
SOUTHPORT

This booklet has been prepared by
the Chief Chemist and Laboratory
Staff of Bob Martin Limited in
association with their Veterinary
Consultants.

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THE
BOB MARTIN

RANGE OF
PREPARATIONS
FOR DOGS & PUPPIES



PREPARATIONS
FOR INTERNAL USE

BOB MARTIN'S
CONDITION POWDER TABLETS

APERIENT POWDERS

DIARRHŒA POWDERS

FIT & HYSTERIA TABLETS

STOMACH POWDER

WORMING RANGE

PREPARATIONS
FOR EXTERNAL USE

ANTIMATE

ANTISEPTIC FLUID

CANKER LOTION AND
CANKER POWDER

EYE DROPS AND EYE OINTMENT

FOOT POWDER

'92 OINTMENT



CLEANING
PREPARATIONS

BLOOM SHAMPOO

CHALK BLOCK

CLEANSFUR

BOB MARTIN'S

CONDITION

POWDER

TABLETS

IN THREE DOSAGES
FOR THE LARGE, MEDIUM
AND SMALL DOG

EACH LARGE STRENGTH TABLET CONTAINS

<i>Calciferol (Vitamin D₂)</i> ..	150 i.u.
<i>Aneurin. Hydrochlor.</i> (Vitamin B ₁)	50 i.u.
<i>Acid Nicotin.</i> (Vitamin B ₂ Group)	$\frac{1}{40}$ gr.
<i>Calcii Gluconas</i>	1 gr.
<i>Ferric Phosphate</i>	$\frac{1}{10}$ gr.
<i>Cupri Sulphas</i>	$\frac{1}{600}$ gr.
<i>Cobalti Lactas</i>	$\frac{1}{480}$ gr.
<i>Net weight per Tablet</i> ..	5 gr.

EACH MEDIUM STRENGTH TABLET CONTAINS

<i>Calciferol (Vitamin D₂)</i> ..	90	i.u.
<i>Aneurin. Hydrochlor.</i>		
(<i>Vitamin B₁</i>)	30	i.u.
<i>Acid Nicotin.</i>		
(<i>Vitamin B₂ Group</i>)	$\frac{3}{200}$	gr.
<i>Calcii Gluconas</i>	$\frac{3}{5}$	gr.
<i>Ferric Phosphate</i>	$\frac{3}{50}$	gr.
<i>Cupri Sulphas</i>	$\frac{1}{1000}$	gr.
<i>Cobalti Lactas</i>	$\frac{1}{800}$	gr.
<i>Net weight per Tablet</i> ..	3	gr.

EACH SMALL STRENGTH TABLET CONTAINS

<i>Calciferol (Vitamin D₂)</i> ..	60	i.u.
<i>Aneurin. Hydrochlor.</i>		
(<i>Vitamin B₁</i>)	20	i.u.
<i>Acid Nicotin.</i>		
(<i>Vitamin B₂ Group</i>)	$\frac{1}{100}$	gr.
<i>Calcii Gluconas</i>	$\frac{2}{5}$	gr.
<i>Ferric Phosphate</i>	$\frac{1}{25}$	gr.
<i>Cupri Sulphas</i>	$\frac{1}{1500}$	gr.
<i>Cobalti Lactas</i>	$\frac{1}{1200}$	gr.
<i>Net weight per Tablet</i> ..	2	gr.

THESE tablets are nutritional supplements, providing a substantial portion of the daily requirements of dogs for these essential factors. They are, in routine use, safeguards against certain types of inadequate or

imperfectly balanced dietaries. Their routine administration is especially indicated in the case of pregnant and lactating bitches, growing puppies, and in animals suffering or recovering from debilitating disease.

The tablets present the following three groups of substances, recognised as essential in canine nutrition :—

- (1) The Vitamin B group, represented by Aneurin Hydrochlor.¹ and Acid Nicotin.²
- (2) Calciferol³ in association with readily assimilable Calcium in the form of Calcii Gluconas.
- (3) The hæmatinics (Iron⁴ in a readily assimilable form, in association with Copper) and Cobalt.⁵



¹ Arnold, A. & Elvehjem, C. A., 1939; INFLUENCE OF THE COMPOSITION OF THE DIET ON THE THIAMINE REQUIREMENT OF DOGS; *Amer. J. Physiol.* 126, 1289.

² Sebrell, W. H., ET AL, 1938; NICOTINIC ACID IN THE PREVENTION OF BLACK TONGUE OF DOGS; *J. Nutr.* 16, 355

³ Morgan, A. F., 1940; DEFICIENCIES AND FALLACIES IN CANINE DIET; *N. Amer. Vet.* 21, 476-486.

⁴ Frost, D. V., Elvehjem, C. A. & Hart, E. B., 1940; IRON UTILISATION IN DOGS ON MILK DIETS; *J. Nutr.* 19, 311.

⁵ Frost, D. V. Elvehjem, C. A. & Hart, E. B., 1941; STUDY OF THE NEED FOR COBALT IN DOGS ON MILK DIETS; *J. Nutr.* 21, 93.

BOB MARTIN'S

APERIENT POWDERS

EACH POWDER CONTAINS

<i>Phenolphthaleinum</i>	.. ..	$4\frac{1}{2}$	gr.
<i>Lactosum</i>	.. ..	$5\frac{1}{2}$	gr.

The preparation is recommended for use as a cathartic in cases of simple constipation. Where the condition does not yield to treatment, or there is evidence of further complication, the recommendation to consult a Veterinary Surgeon is included.

BOB MARTIN'S

DIARRHOEA POWDERS

EACH POWDER CONTAINS

<i>Rhei Pulv.</i>	.. ..	$1\frac{1}{2}$ gr.
<i>Catechu Pallid. Pulv.</i>	..	2 gr.
<i>Creta Prep.</i>	.. ..	$6\frac{1}{2}$ gr.
<i>Bismuth Carbonate</i>	.. ..	1 gr.

A refined preparation containing effective astringents and antacids, reinforced by the protective action of the bismuth salt.

BOB MARTIN'S

FIT AND
HYSTERIA
TABLETS

EACH TABLET CONTAINS

<i>Potass. Bromid.</i>	.. ..	5 gr.
<i>Lactosum, incorporating a sweetening agent</i>	..	1 gr.

The preparation includes a 5 grain dose of Potassium Bromide. It is recommended for use in the control of canine hysteria and of epileptiform convulsions to which the dog shows an inborn tendency, and also in controlling teething fits in puppies.

BOB MARTIN'S

STOMACH POWDER

FORMULA

<i>Magnesium Trisilicate</i>	..	20.0	<i>per cent</i>
<i>Colloidal Kaolin</i>	.. ..	75.0	<i>per cent</i>
<i>Creta Prep.</i>	.. ..	5.0	<i>per cent</i>

The preparation is a highly active antacid designed for the treatment of gastric conditions where the use of an absorbent is required.

BOB MARTIN'S

WORMING

REMEDIES

WORM CAPSULES

for round worms

EACH CAPSULE CONTAINS:

<i>Ol. Chenopodii</i>	.. .. .	1 minim
<i>Paraff. Liq.</i>		3 minims

WORM POWDERS

for tape worms

EACH POWDER CONTAINS:

<i>Areca Pulv.</i>		10 gr.
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WORM TABLETS

for tape worms

EACH TABLET CONTAINS:

<i>Areca Pulv.</i>		5 gr.
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WORMING OIL

for round worms and hook worms

EACH TEASPOONFUL (60 MINIMS) CONTAINS:

<i>Ol. Chenopodii</i>	.. .. .	1.5 minims
<i>Ol. Ricini</i>	.. .. .	58.5 minims

WORMING TREATMENT

for tape worms

EACH CAPSULE CONTAINS:

<i>Ext. Filicis Liq.</i>		10 minims
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EACH APERIENT TABLET CONTAINS:

<i>Phenolphthaleinum</i>		6 gr.
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It will be seen that a range of worming remedies, incorporating anthelmintics having a specific action against either the tape worm or the round worm, has been designed in a suitable form for administration, having in mind the various age and weight groups in the dog. The dosage recommended has, in each case, been adjusted to be somewhat lower than that normally employed for treatment of individual cases. This is a necessary safeguard, in view of the possibility of individual idiosyncrasy to the various active agents employed. A warning is included to say that those remedies recommended for puppies should not be used before the age of eight weeks, except under the supervision of a Veterinary Surgeon. Great care should also be taken in administering any worming remedy to dogs or puppies suffering from great debility, diseases of the heart or kidneys, gastritis, enteritis, etc., and the recommendation is included that in these cases, if possible, treatment should be carried out under the supervision of a Veterinary Surgeon.

BOB MARTIN'S

ANTIMATE

NOT SUITABLE FOR CATS

FORMULA

<i>Ol. Citronell.</i>	..	..	..	83.6 <i>per cent</i>
<i>Ol. Origani</i>	..	..	..	1.2 <i>per cent</i>
<i>Ol. Gram. Citrat.</i>	..	..	..	10.0 <i>per cent</i>
<i>Ol. Rosmarin.</i>	..	..	..	2.6 <i>per cent</i>
<i>Ol. Eucalyp.</i>	..	..	..	2.6 <i>per cent</i>

The preparation is based on the deodorising properties of the mixed Essential Oils, and represents an attempt to mask the characteristic odour associated with oestrus in the bitch. The limited applications are discussed in the relevant literature.

BOB MARTIN'S

ANTISEPTIC

FLUID

FORMULA

<i>Dichloro-diphenyl-</i>	
<i>trichloroethane</i>	.. 0.95 per cent w/v
<i>Chlorinated Xylenols</i>	.. 2.70 per cent w/v
<i>Pine Oil</i>	 11.40 per cent w/v

This preparation is an antiseptic and germicide, incorporating Chlorinated Xylenols as the effective germicidal agent. By the Rideal-Walker test against *B. Typhosum* this preparation has been shown to have, when undiluted, a Rideal-Walker Co-efficient of 2.4. Antiseptic Fluid also contains 0.95 per cent of D.D.T. in solution in the oil phase of the emulsion, and this renders it an effective parasiticide.

BOB MARTIN'S

CANKER

REMEDIES

CANKER LOTION

FORMULA

Chlorbutol . . 2.5 per cent in pure vegetable oils.

CANKER POWDER

FORMULA

<i>Chlorbutol</i>	..	..	..	..	2.5 per cent
<i>Boric Acid</i>	..	..	..	..	5.0 per cent
<i>Kaolin</i>	..	..	..	..	92.5 per cent

The preparations are based on the analgesic and antiseptic action of Chlorbutol. Two distinct preparations are manufactured—Bob Martin's Canker Lotion, which incorporates Chlorbutol in solution in emollient vegetable oils, for use in cases when the interior of the meatus is dry, and Bob Martin's Canker Powder for use in cases where there is ulceration or a moist discharge.

BOB MARTIN'S

EYE PREPARATIONS

EYE DROPS

FORMULA

Silver Vitellin 5 per cent in
Distilled water.

EYE OINTMENT

FORMULA

Silver Vitellin 5 per cent in an
Oculentum Base.

These preparations are based upon the non-irritant antiseptic, Silver Vitellin. The active ingredient is presented in the form of either Eye Drops, for instillation, or Eye Ointment, for direct application both in and around the eyes, the choice of preparation being available according to convenience in usage.

BOB MARTIN'S

FOOT POWDER

This preparation consists of the antiseptic and deodorant compound Sodium Percarbonate. In a warm water solution as a foot bath it provides, by the liberation of oxygen, a mechanical in addition to a chemical cleansing action. It is recommended for use in combination with the antiseptic and mildly counter-irritant '92 Ointment for the treatment of inflamed and injured pads, in appropriate cases.

BOB MARTIN'S

'92

OINTMENT

FORMULA

<i>Chloroxylenol</i>	.. ..	2.0 per cent
<i>Acid Salicyl.</i>	.. ..	0.5 per cent
<i>Terebene</i>	.. ..	1.0 per cent
<i>Ol. Camph. Essent.</i>	.. ..	4.0 per cent
<i>Ointment Base</i>	.. ..	92.5 per cent

This is an antiseptic and germicidal ointment, based upon the well-known properties of Chloroxylenol. It includes also a small percentage of Acid Salicyl. to assist by reducing local irritation. The essential oils are included to give a mild counter-irritant action.

BOB MARTIN'S

CLEANING

PREPARATIONS

CLEANSFUR

FORMULA

<i>Mag. Carb. Levis</i>	..	..	15 per cent
<i>Acid. Boric. Pulv.</i>	..	..	5 per cent
<i>Kaolin</i>	..	..	40 per cent
<i>Talc. Subs.</i>	..	..	40 per cent

CHALK BLOCK

The block is composed of a refined natural chalk, having the required physical characteristics and incorporating a binding agent.

BLOOM SHAMPOO

A modern detergent based upon Lauryl alcohols and adjusted to the most suitable pH.

These preparations are designed to provide all the necessary materials for the maintenance of a high standard of canine hygiene. They are, of course, also useful in preparing dogs for the show ring.

THE
TIBS
RANGE OF
PREPARATIONS
FOR CATS AND KITTENS



TIBS CAT POWDERS
WORM TABLETS
CANKER POWDER
PREEN GROOMING POWDER

TIBS

CAT POWDERS

EACH POWDER CONTAINS

Aneurin. Hydrochlor.

(*Vitamin B₁*) 30 *i.u.*

Acid Nicotin.

(*Vitamin B₂ Group*) $\frac{1}{50}$ *gr.*

Calcii Gluconas 1 *gr.*

Calcii Phosphas $\frac{1}{2}$ *gr.*

Ferric Phosphate $\frac{1}{5}$ *gr.*

Cupri Sulphas $\frac{1}{250}$ *gr.*

Cobalti Lactas $\frac{1}{200}$ *gr.*

Net weight per powder .. 5 *gr.*

The quantitative nutritional requirements of the Felidae require further investigation in a number of directions. The powders present the following two groups of substances now recognised as essential in feline nutrition :—

- (1) The Vitamin B group, represented by Aneurin. Hydrochlor.¹ and Acid Nicotin.,² of which a substantial proportion of the animal's total daily requirements is included.
- (2) Calcium in a readily assimilable form. Also the haematinics (Iron in a readily assimilable form, in association with Copper) together with Cobalt.

The complete daily requirements of Iron, Copper and Cobalt are included, so that they are available for assimilation should any deficiency exist.

The powders are nutritional supplements and their use is a safeguard against certain types of inadequate or imperfectly balanced dietaries. Their routine administration is especially indicated in the case of pregnant and lactating queens, growing kittens, and in cats suffering or recovering from debilitating disease.



¹ Smith, D. C. & Proutt, L. M., 1944; DEVELOPMENT OF THIAMINE DEFICIENCY IN THE CAT ON A DIET OF RAW FISH; *Proc. Soc. Exp. Biol. Med.* 56, 1-3

² Heath, M. K., MacQueen, J. W., & Spies, T. V., 1940; FELINE PELLAGRA; *Science*, 92, 514.

TIBS

WORM

TABLETS

EACH TABLET CONTAINS

<i>Santonin</i>	..	..	..	..	$\frac{1}{2}$ gr.
<i>Calomel</i>	..	..	..	..	$\frac{1}{2}$ gr.

These tablets are based upon Santonin, in combination with Calomel as the aperient, which is a well-tried formula for the elimination of round worms. The dosage of one tablet on each of four consecutive days follows, of course, the normal mode of treatment. It is advised, in the accompanying literature, that dosage of cats or kittens suffering from great debility, diseases of the heart or kidneys, gastritis, enteritis, etc., be only carried out, if possible, under the supervision of a Veterinary Surgeon.

TIBS

CANKER POWDER

FORMULA

<i>Dichloro-diphenyl- trichloroethane</i>	.. ..	5.0 per cent
<i>Chlorbutol</i>	.. ..	2.0 per cent
<i>Talc. Pur.</i>	.. ..	93.0 per cent

This preparation is based upon the analgesic and antiseptic properties of Chlorbutol, and upon the parasiticial properties of Dichloro-diphenyl-trichloroethane, which is included in view of the high proportion of cases associated with parasitic invasion.

TIBS

PREEN

GROOMING POWDER

FORMULA

<i>Mag. Carb. Levis</i>	..	..	15.0	<i>per cent.</i>
<i>Acid Boric Pulv.</i>	..	..	5.0	<i>per cent.</i>
<i>Kaolin</i>	..	..	40.0	<i>per cent.</i>
<i>Talc. Subs.</i>	..	..	40.0	<i>per cent.</i>

An absorbent dry-cleaning powder based upon Mag. Carb. Levis and a special Kaolin, and incorporating as an antiseptic 5 per cent. Acid. Boric. Pulv.

BOB MARTIN'S
INSECTICIDE

FOR
HOUSEHOLD USE
AND USE ON
DOMESTIC ANIMALS



PESTROY

BOB MARTIN'S

PESTROY

INSECT POWDER

FORMULA

<i>Dichloro-diphenyl- trichloroethane</i>	..	..	5.0 per cent
<i>Pyrethrum</i>	..	..	7.5 per cent
<i>Talc. Subs.</i>	..	..	87.5 per cent

A contact insecticide based upon the powerful and persistent effects of Dichloro-diphenyl-trichloroethane and reinforced by the quick "knock-down" action of Pyrethrum.

The preparation presents these combined insecticides in the form of an extremely fine dispersion on a Talc Substitute base. This gives the rapidity of action which is called for in a contact insecticide, and renders it suitable for use as a dusting powder.

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INSECT POWDER

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INVITATION TO SUGGESTIONS



It is commonplace to say that modern research makes necessary constant attention to the formulation of pharmaceutical products, and to that end we should be glad to have your suggestions, or better still, to receive you here to see our organisation at work.

BOB MARTIN LIMITED

Manufacturing Chemists

61-69 HOGHTON STREET, SOUTHPORT

